IN THE CLAIMS:

Please amend claims 1, 2, and 4-13 as follows. Please add new claims 14-19 as follows.

1. (Currently Amended) A method comprising:

arranging, in a mobile system between a base station controller and base stations, telecommunication channels which are available for a plurality of base stations but not permanently allocated to any base station,

allocating in call set-up at least one of said telecommunication channels between the base station controller and the base stations to the base station handling the call, and

controlling the base station controller to transmit information to the base station ~~on~~ to indicate for the base station the telecommunication channel between the base station controller and the base station allocated thereto.

2. (Currently Amended) A method as claimed in claim 1, wherein

said telecommunication channels are circuit-switched,

said telecommunication channels are classified on the basis of their characteristics into at least two categories~~, i.e.~~ including primary telecommunication channels and secondary telecommunication channels, and

in call set-up, a primary telecommunication channel, if available, is allocated to the base station, otherwise a free secondary telecommunication channel is allocated thereto.

3. (Previously Presented) A method as claimed in claim 2, wherein said free telecommunication channels are classified into categories on the basis of their data transmission capacity or quality such that the primary telecommunication channels have larger data transmission capacity or they are of better quality than the secondary telecommunication channels.

4. (Currently Amended) A ~~mobile~~ system, comprising:

a base station controller,

a plurality of optional telecommunication channels, which are not permanently allocated to any base station, available between said base station controller and base stations,

at least a first and a second base station, which comprise transceiver units configured to establish a telecommunication connection by radio signals to the subscriber terminals located in the base station coverage area and a switching unit configured to switch the base station transceiver units onto a particular channel of said plurality of optional telecommunication channels between the base station controller and the base stations,

the base station controller comprises a controller which in call set-up allocates at least one of said telecommunication channels between said base station controller and said base stations to the first or the second base station for the call and which transmit a predetermined message indicating the allocated telecommunication channel to the base station to whom the channel is allocated, and

the switching unit of the first, and correspondingly, of the second base station are responsive to said message for switching the base station transceiver units to the telecommunication channel assigned by said message.

5. (Currently Amended) A ~~mobile~~ system as claimed in claim 4, wherein

said telecommunication channels are circuit-switched telecommunication channels that are classified on the basis of their characteristics into at least two categories, that is, into primary telecommunication channels and secondary telecommunication channels, and ~~that~~

said controller allocates in call set-up a primary telecommunication channel, if available, to the call, otherwise a free, secondary telecommunication channel is allocated thereto.

6. (Currently Amended) A ~~mobile~~ system as claimed in claim ~~4~~5, wherein the primary telecommunication channels have larger data transmission capacity or they are of better quality than the secondary telecommunication channels.

7. (Currently Amended) A ~~mobile~~ system as claimed in claim 4, wherein said message indicating the allocated telecommunication channel also indicates a radio channel to be used in the call to the transceiver unit of the base station.

8. (Currently Amended) A ~~mobile~~ system as claimed in claim 4, wherein

said ~~mobile~~ system is ~~the~~ a global system for mobile communications (GSM) system and

said message consists of a CHANNEL ACTIVATION message in accordance with the GSM specifications part 08.58, to which is added information on the telecommunication channel allocated to the base station.

9. (Currently Amended) An apparatus ~~base station~~, comprising:

transceiver units configured to establish a telecommunication connection by radio signals to ~~the~~ subscriber terminals located in ~~the~~ a coverage area of the apparatus ~~base station~~, and

a switching unit configured to connect ~~it's~~ the transceiver units in call set-up to a base station controller via particular channels of a plurality of optional telecommunication channels available between said base station controller and base stations of said system and which are not permanently allocated to any base station, said switching unit being responsive to a message received by the apparatus ~~base station~~ in

conjunction with the call set-up for switching a particular transceiver unit onto the telecommunication channel between the base station controller and the apparatus ~~base station~~ indicated by the message for the call.

10. (Currently Amended) An apparatus ~~base station~~ as claimed in claim 9, wherein said particular transceiver unit comprises an applying unit configured to apply a radio channel assigned by the message for the duration of the call to be established.

11. (Currently Amended) An apparatus ~~base station controller~~ comprising:

means for a base station controller for communicating with base stations via a plurality of optional telecommunication channels, which are not permanently allocated to any base station, between the apparatus ~~base station controller~~ and the base stations, and

control means for a base station controller for allocating ~~which are arranged to allocate~~ in call set-up at least one of said telecommunication channels between the apparatus ~~base station controller~~ and the base stations to a base station for a call and for transmitting ~~which are arranged to transmit~~ a predetermined message indicating the allocated telecommunication channel to the base station to whom the channel is allocated.

12. (Currently Amended) An apparatus ~~base station controller~~ comprising:

a communicating unit for a base station controller configured to communicate with base stations via a plurality of optional telecommunication channels, which are not

permanently allocated to any base station, between the apparatus ~~base station controller~~ and the base stations, and

a controller for a base station controller configured to allocate in call set-up at least one of said telecommunication channels between the apparatus ~~base station controller~~ and the base station to a base station for a call and to transmit a predetermined message indicating the allocated telecommunication channel to the base stations to whom the channel is allocated.

13. (Currently Amended) A ~~mobile~~ system comprising:

~~arranging means for arranging~~ base stations and telecommunication channels which are available for a plurality of base stations but not permanently allocated to any base station, between a base station controller and the base stations,

allocating means for allocating in call set-up at least one of said telecommunication channels between the base station controller and the base stations to the base station handling the call, and

controlling means for controlling the base station controller to transmit information to the base station ~~on~~ to indicate for the base station the telecommunication channel between the base station controller and the base stations allocated thereto.

14. (New) An apparatus comprising:

transceiver means for establishing a telecommunication connection by radio signals to subscriber terminals located in a coverage area of the apparatus, and

switching means for connecting the transceiver means in call set-up to a base station controller via particular channels of a plurality of optional telecommunication channels available between said base station controller and base stations of said system and which are not permanently allocated to any base station, said switching means being responsive to a message received by the apparatus in conjunction with the call set-up for switching a particular transceiver means onto the telecommunication channel between the base station controller and the apparatus indicated by the message for the call.

15. (New) A method as claimed in claim 1, wherein

said telecommunication channels are classified on the basis of their characteristics into at lest two categories including primary telecommunication channels and secondary telecommunication channels, wherein the primary telecommunication channels have larger data transmission capacity or they are of better quality than the secondary telecommunication channels, and

in call set-up a primary telecommunication channel is allocated to the base station handling the call, if available, otherwise a free, secondary telecommunication channel is allocated thereto.

16. (New) An apparatus as claimed in claim 9, wherein said telecommunication channels are circuit-switched,

said telecommunication channels are classified on the basis of their characteristics into at least two categories including primary telecommunication channels and secondary telecommunication channels, and

in call set-up, said connecting is carried via a primary telecommunication channel, if available, otherwise via a free secondary telecommunication channel.

17. (New) An apparatus as claimed in claim 16, wherein said free telecommunication channels are classified into categories on the basis of their data transmission capacity or quality such that the primary telecommunication channels have larger data transmission capacity or they are of better quality than the secondary telecommunication channels.

18. (New) An apparatus as claimed in claim 11, wherein

said telecommunication channels are classified on the basis of their characteristics into at least two categories including primary telecommunication channels and secondary telecommunication channels, wherein the primary telecommunication channels have larger data transmission capacity or they are of better quality than the secondary telecommunication channels, and

in call set-up a primary telecommunication channel is allocated to the base station, if available, otherwise a free, secondary telecommunication channel is allocated thereto.

19. (New) An apparatus as claim 12, wherein

said telecommunication channels are classified on the basis of their characteristics into at least two categories including primary telecommunication channels and secondary telecommunication channels, wherein the primary telecommunication channels have larger data transmission capacity or they are of better quality than the secondary telecommunication channels, and

in call set-up a primary telecommunication channel is allocated to the base station, if available, otherwise a free, secondary telecommunication channel is allocated thereto.